

ABSTRACT OF THE DISCLOSURE

The present invention provides a speech synthesis device that is improved in both processing speed and naturalness of synthesized speech sound. The waveform nominating component divides the provided phonetic information into Extended CVs and obtains their corresponding sample speech waveform data from a speech database. Since a big volume of sample waveform data is stored in the speech database, several candidates of speech waveform data per Extended CV are nominated. The waveform determining component, by referring to the continuity with the preceding or succeeding phonemes or syllables, selects one sample speech waveform data per Extended CV out of several candidates of sample speech waveform data nominated by the waveform nominating component. Then, the waveform concatenating component concatenates a series of sample speech waveform data determined by the waveform determining component and obtains the speech waveform data to be composed. Moreover, the analog converting component converts this speech waveform data into analog signals and produces output.

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